

Certificate of Analysis

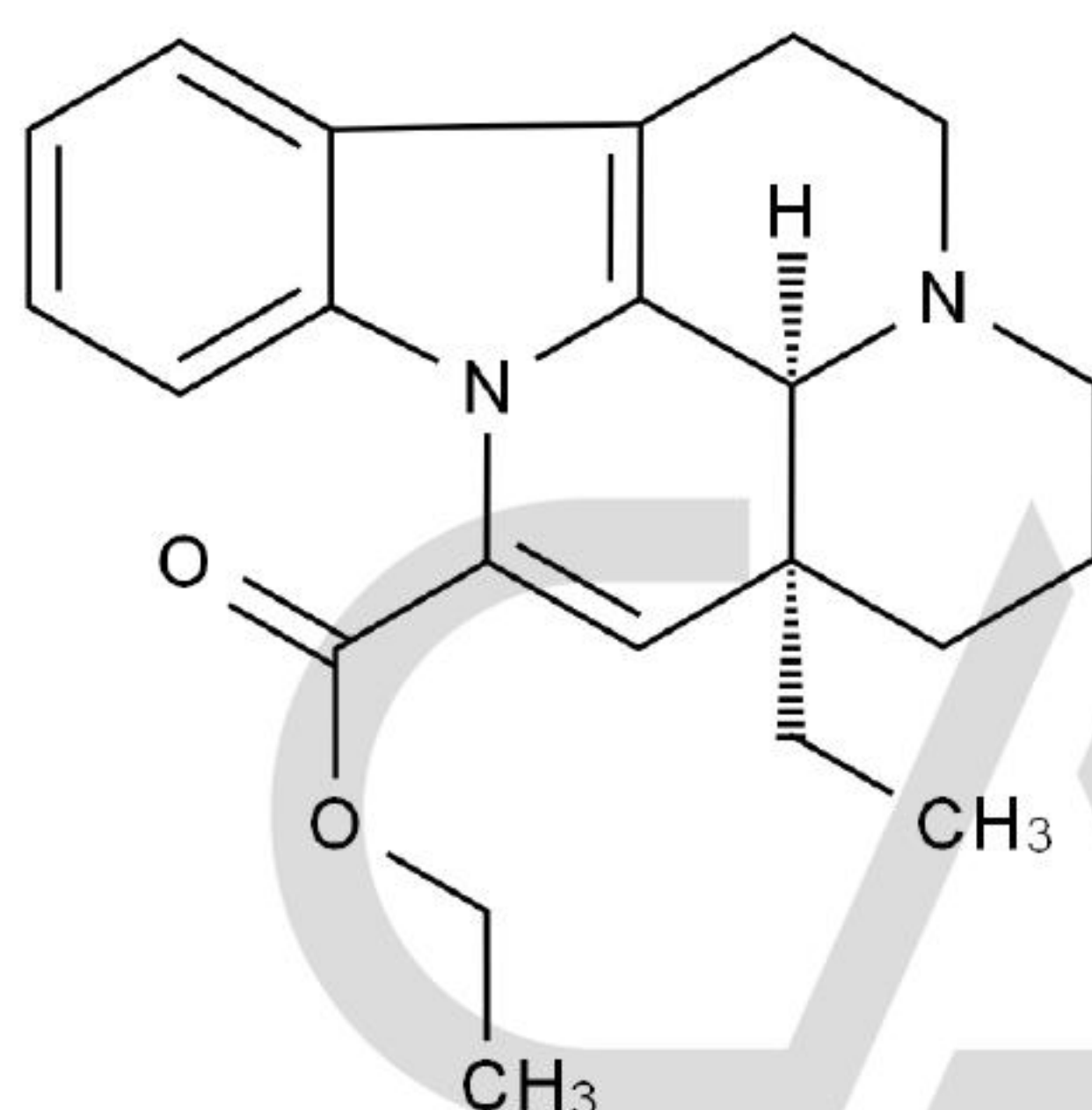
Reference Material & Standard

Product Name:	Vinpocetine	Catalogue Number:	C4X-1843
Synonyms:	N/A	Lot Number:	1210-RG-0001
CAS Number:	42971-09-5	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	350.45	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.643%
Residue on Ignition	TGA	0.5053%
Loss On Drying	TGA	0.0383%
Assay		99.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Dec 10, 2025

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